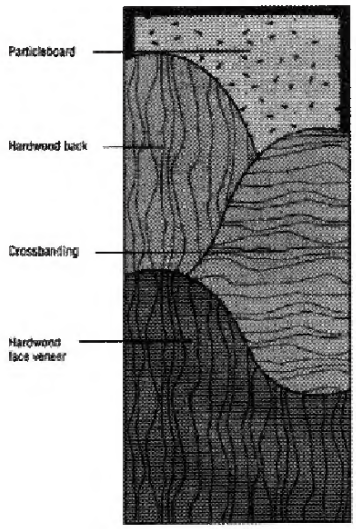
# PC-7 FD ⅓ Hour Door




Algoma Hardwoods, Inc. PC-7 is a commercial door made with particleboard core and skins.

**Solid lumber outer stiles along with Structural Composite Lumber (SCL) rails and inner stiles, are glued to the core** prior to cold pressing a 3-ply skin each side of the core at ambient air temperature.

**Algoma Hardwoods, Inc uses only the better of two grades of door core particleboard** conforming to ANSI Standard A208.1-1989, Grade LD-1.

**Algoma Hardwoods, Inc. uses only skins with face veneers at least .020" (0.5mm) thick at 12% moisture content.**

## Product Features

| | |
|---|---|
| **Thickness** | 1¾" (44mm) available FD ⅓ hour labeled. |
| **Maximum size** | Available prefit up to 4'0" x 8'0" (1219 x 2743mm), 8'0" x 8'0" pairs. |
| **Stiles (Edge bands)** | 1⅜" (35mm) prior to factory trimming, glued to core. Alternates: ME–matching edges or CE–compatible edges. |
| **Top & bottom rails** | 1⅜" (35mm) prior to factory trimming, glued to core; Structural Composite Lumber (SCL). |
| **Core** | Conforms to ANSI A208.1-1989, GRADE LD-1 covering mat-formed particleboard. |
| **Faces** | Skins 0.10" (2.5mm) of several veneer species. Faces shall be a minimum of .020" (0.5mm) at 12% moisture content. |
| **Adhesives** | Type II (interior). |
| **Veneer matching** | Available in pairs. |
| **Details** | Standard lites and louvers available not to exceed 40% of door area or 54" (1372mm) in length. Maximum glass opening on FD ⅓ hour doors is 1,296 sq. in. (0836m²) with wood beads and clips or metal vision panels. Applied mouldings also available. |
| **Machining** | Available with hinge and lock machining as well as other hardware. |
| **Finishing** | Available in 8 standard colors, and clear. |
| **Warranty** | For interior, limited lifetime warranty. Exterior not warranted. |
| **Standards met or exceeded** | WDMA I.S. 1-A Series, WOOD FLUSH DOORS, AWI Section 1300. |



ALGOMA HARDWOODS, INC.
1001 Perry Street • Algoma, Wisconsin 54201
920.487.5221 • 1.800.678.8910 • FAX 920.487.3636
www.algomahardwoods.com • sales@algomahardwoods.com



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# PC-7 FD ⅓ Hour Door

| FEATURE | WHI LABEL |
|---|---|
| **Maximum opening size** | **Singles:** 4'0" x 8'0" (1219 x 2438mm). **Pairs:** 8'0" x 8'0" (2438 x 2438mm). |
| **Faces** | Rotary Natural Birch, Sliced Red Oak, Paint Grade Birch, Rotary White Birch |
| **Stiles (Vertical Edges) and rails** | 1⅜" (35mm) mill option stiles. All doors have either matching or mill option outers. Up to 12½" (318mm) bottom rails allowed. |
| **Maximum wood veneered beaded lite** | 1296 sq. inches (0.836m²). Maximums: 30" (762mm) width, 54" (1372mm) length |
| **Maximum metal vision panel (Visible lite)** | 1296 sq. inches (0.836m²). Maximums: 30" (762mm) width, 54" (1372mm) length |
| **Maximum fusible link louver size (Not allowed with vision panel or exit devices)** | Not allowed. |
| **Hinges** | Ball bearing steel mortised, half or full surfaced 4½" x 4½" x .134" (114.3 x 114.3 x 3.4mm) to 10'0" (3048mm). UL listed spring hinges 4½" x 4½" x .134" |
| **Locksets** | All listed cylindrical, mortised, unit, and hospital push/pull to 5" (127mm) backset. Unit locks only available with 2¾" (70mm) backset. |
| **Pivots** | Top, intermediate & bottom must be listed offset. Rixon's #180, 280, 380, 480, FM19, 219, T117, T117¼, or equal. Others as approved. |
| **Closers** | UL listed surface type. |
| **Fire Exit Hardware (Allowed with vision panel if non-interfering)** | **Singles:** Mortised, rim or surface vertical rods. **Pairs:** Rim (with mullion) or surface vertical rods. Double egress allowed. |
| **Other pair hardware** | Listed surface or mortised door bolts. Manual, self-latching or automatic as codes allow. |

**Maximum trim:** ¾" (19mm) in the field.

**Additional trim:** Can be up to 11½" (292mm) if door is ordered with 12½" (318mm) bottom rail. Maximum undercut, ¾" (19mm).

**Door Bottoms:** Any listed surface or concealed.

**Viewers:** WHI up to 1" (25mm); UL up to ½" (12.7mm).

**Astragals and edge guards:** Must be supplied and cut for hardware under label service.

**Wood Frames:** FD ⅓ Hour doors can be installed with ⅓ hour wood frames.

**Electric Raceway:** Available with label on all doors.



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